



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090648

Mode: Highway

Status: Submitted

NC-80

From/Cross Street: US 19E

Specific Improvement Type: 16 - Modernize Roadway

To: SR 1171 (Snow Creek Road)

Project Category: Regional Impact

Length: 2.52

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$6,498,000

Description:

Upgrade the Existing 2 Lane Facility to 24 Ft Shoulder Section.

Division(s): Division 13

County(s): YANCEY, MITCHELL

MPOS(s)/RPO(s): High Country RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 3.15	Percent: 15%	Percent: 15%
Safety (10%) 19.64	Points:	Points:
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 22.74		
Totals: Weight: 70% Weighted Score: 5.03		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 3.15	Percent: 25%	Percent: 25%
Safety (10%) 19.64	Points:	Points:
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 2.59		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	2.52
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Mountainous
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	737.49
Capacity:	15500
Volume/Capacity Ratio:	0.05
% Autos:	95%
% Trucks:	5%
Truck Volume:	34.46
Crash Density:	13.04
Crash Severity:	19.77
Critical Crash Rate:	26.12
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	31
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	88
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	
Speed Limit:	55
Length (miles):	2.52
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Mountainous
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 13	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
High Country RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$6,498,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$6,498,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$6,498,000	